

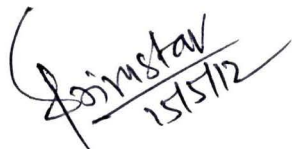
***FORTIFICATION OF ENCAPSULATED FORM OF OMEGA-3  
FATTY ACID RECOVERED FROM FISHWASTE IN YOGHURT***

**BY**

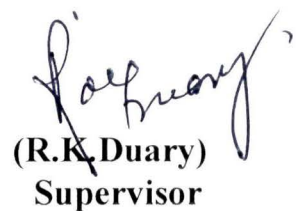
**SANANDA CHOUDHURY (Roll No. FPT09017)**

**THESIS SUBMITTED TO THE  
DEPARTMENT OF FOOD ENGINEERING AND TECHNOLOGY  
TEZPUR UNIVERSITY  
IN PARTIAL FULFILMENT OF THE REQUIREMENT  
FOR THE AWARD OF THE DEGREE OF  
MASTER OF TECHNOLOGY  
IN  
FOOD PROCESSING TECHNOLOGY**

Approved by



**(P.P. Srivastav)  
External examiner  
Dept. of AGFE  
IIT, Kharagpur**



**(R.K. Duary)  
Supervisor**



**(S. C. Deka) 01.06.2012  
Prof. & Head, FET  
Tezpur University**



**DEPARTMENT OF FOOD ENGINEERING AND TECHNOLOGY**

**TEZPUR UNIVERSITY**

**Napaam-784028, Sonitpur**

**ASSAM**

**Prof. Sankar Ch.Deka**

**Email:sankar@tezu.ernet.in**

**Professor & Head**

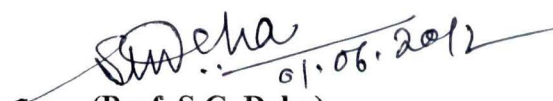
**Cell: 9435408396**

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**Certificate of the Head of the Department**

*This is to certify that Sananda Choudhury, student of the Department of Food Engineering and Technology, Tezpur University, Assam has successfully completed the project work entitled “Fortification of encapsulated form of omega-3 fatty acid recovered from fish waste in yoghurt” as a part of partial fulfilment of her M.Tech in Food Processing Technology under the complete supervision of Prof. R.K.Duary, Department of Food Engineering and Technology, Tezpur university, Tezpur.*

**Place: Tezpur University**

  
**(Prof. S.C. Deka)**  
01.06.2012



**DEPARTMENT OF FOOD ENGINEERING AND  
TECHNOLOGY**

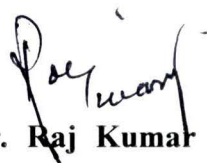
**TEZPUR UNIVERSITY**

**ASSAM-784028, INDIA**

**Certificate by the Supervisor**

*I certify that that the project entitled “Fortification of encapsulated form of omega-3 fatty acid recovered from fish waste in yoghurt” submitted by Sananda Choudhury,Enrolment No.FPT09017 to the Department of Food Engineering and Technology,Tezpur University in partial fulfilment of M.Tech degree embodies the record of original investigation carried out by her under my supervision. To the best of my knowledge the project embodies account for her own findings and has not been submitted previously anywhere for any degree whatsoever by either her or anyone else.*

Date: 15/5/12

  
(Dr. Raj Kumar Duary)  
Major Advisor (Guide)

## DECLARATION

*I here by declare that the project work entitled “Fortification of encapsulated form of omega-3 fatty acid recovered from fish waste in yoghurt” was carried out by me at the Department of Food Engineering and Technology, Tezpur University, under the guidance of Dr. Raj Kumar Duary, Professor, Department of Food Engineering and Technology, Tezpur University, Tezpur.*

*This Project Report is being submitted as a partial fulfilment of the requirement for the award of “MASTER OF SCIENCE in Food Engineering and Technology” by Tezpur University, Tezpur.*

*I further declare that this project or any part of it has not been submitted elsewhere for any other degree or diploma to any other university/Institute.*

*Place:*

*Sananda Choudhury*  
*Sananda Choudhury*

*Date: 15/5/12 .*

*Roll No. FPT09017*

## ACKNOWLEDGEMENT

*At the very outset, I would like to take this opportunity to extend my sincere gratitude and heartiest thanks to my guide Dr. Raj Kumar Duary, Dept. Of Food Engineering and technology, Tezpur University, who has constantly guided and advised me in my entire project work, without whose guidance, support, Co-operation and encouragement, this project would not have been possible.*

*With great sincerity, I extend my gratitude and thanks to Prof. Sankar Chandra Deka, Prof. C. L. Mahanta, Mr. Nandan Sit (Assistant Professor) Mr. Laxmikant Badwaik (Assistant Professor) Mrs Poonam Mishra (Assistant Professor) Mr. Divyakant Seth (Assistant Professor) of the Department of Food Engineering and Technology.*

*I would also like to offer my thanks to Dr. Manoj Hazarika, Dr. Brijesh. Srivastava, Associate professors of food engineering and Technology.*

*I am extremely thankful to all my friends for giving me mental support and continuous co-operation throughout my entire project work.*

*I sincerely acknowledge gratitude to my family (especially my parents) and my well wishers for their continuous inspiration, co-operation and blessings.*

*Sananda Choudhury*  
*Sananda choudhury*

*FPT09017*